

# REPORT ON ELECTRICAL EQUIPMENT.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

27 APR 1949

Received at London Office

Date of writing Report 5<sup>th</sup> April 1949 When handed in at Local Office 26/4/1949 Port of GLASGOWNo. in Survey held at Bowling Date, First Survey 30th March Last Survey 31st March 1949  
Reg. Book. (No. of Visits 2)96163 on the T.W. Sc. "TANB" Tons { Gross 209  
Net 11

Built at Bowling By whom built Messrs Scott &amp; Sons Ltd. Yard No. 388 When built 1949

Owners Messrs Petroleum SS. Co. Ltd. Port belonging to London

Installation fitted by Messrs Scott &amp; Sons, Ltd. When fitted 1949

Is vessel equipped for carrying Petroleum in bulk No Is vessel equipped with D.F. — E.S.D. — Gy.C. — Sub.Sig. — Radar

Plans, have they been submitted and approved Yes System of Distribution Two-wire Voltage of Lighting 110

Heating — Power — D.C. or A.C., Lighting D.C. Power — If A.C. state frequency —

Prime Movers, has the governing been found as per Rule when full load is thrown on and off Yes Are turbine emergency governors fitted

with a trip switch — Generators, are they compound wound Yes, and level compounded under working conditions Yes

if not compound wound state distance between generators — and from switchboard — Are the generators arranged to run

in parallel —, are shunt field regulators provided Yes Is the compound winding connected to the negative or positive pole

Negative Have machines over 100 kw. been inspected by the Surveyors during manufacture and testing — Have certificates of

test for machines under 100 kw. been supplied Yes and the results found as per Rule Yes

Position of Generators In Engine Room

is the ventilation in way of generators satisfactory Yes are they clear of inflammable material and protected from mechanical injury and

damage from water, steam and oil Yes Switchboards, where are main switchboards placed Near generator

are they in accessible positions, free from inflammable gases and acid fumes and protected from mechanical injury and damage from water,

steam and oil Yes, what insulation is used for the panels "Sindanyo", if of synthetic insulating

material is it an Approved Type Yes, if of semi-insulating material (slate or marble) are all conducting parts insulated therefrom as

per Rule — Is the construction as per Rule, including locking of screws and nuts. Yes Description of Main Switchgear

for each generator and arrangement of equaliser switches D.P. Switch &amp; fuses.

and the switch and fuse gear (or circuit breakers) for each outgoing circuit D.P. Switch &amp; Fuses.

Are compartments containing switchboards composed of fire-resisting material or lined as per Rule — Instruments on main switchboard 1

ammeters 1 voltmeters — synchronising devices For compound machines in parallel are the ammeters and reversed current

protection devices connected on the pole opposite to the equaliser connection — Earth Testing, state means provided

Earth lamps.

Switches, Circuit Breakers and Fuses, are they as per Rule Yes, are the fuses an Approved Type Yes

make of fuses "Artic", are all fuses labelled Yes If circuit breakers are provided for the generators, at what

overload do they operate —, and at what current do the reversed current protective devices operate —

Joint Boxes, Section Boards and Distribution Boards, is the construction as per Rule Yes

Cables, are they insulated and protected as per Rule Yes, if otherwise than as per Rule are they of an Approved Type —

state maximum fall of pressure between bus bars and any point under maximum load 3 volts, are the ends of all cables having a sectional

area of 0.01 square inch and above provided with soldering sockets — Are all paper insulated and varnished cambric insulated

cables sealed at the ends — Are all the cable runs in accessible positions, not exposed to drip or accumulation of water or oil,

high temperatures or risk of mechanical damage Yes, are any cables laid under machines or floorplates No, if so, are they

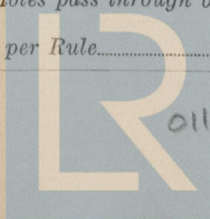
adequately protected — Are cables in machinery spaces, galleys, laundries, etc., lead covered Yes or run in conduit —

or of the "HR" type — State how the cables are supported or protected Clipped to steel tray or structure.

Are all lead sheaths, armouring and conduits effectually bonded and earthed Yes Are all cables passing through decks and watertight

bulkheads provided with deck tubes or watertight glands Yes, where unarmoured cables pass through beams, etc., are the holes

effectively bushed Yes Refrigerated chambers, are the cables and fittings as per Rule



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Lloyd's Register  
Foundation



The Electrical Equipment is installed in accordance with the approved plans and the requirements of the Rules.

All Insulated Conductors are guaranteed to have been tested at the maker's works as specified in the Rules.

The foregoing is a correct description.

*Scor. & Son*

Electrical Contractors.

Date *13<sup>th</sup> April 1949*

#### COMPASSES.

Have the compasses been adjusted under working conditions.....

*Yes.*

*Scor. & Son*

Builder's Signature.

Date *13<sup>th</sup> April 1949*

Have the foregoing descriptions and schedules been verified and found correct.....

*Yes.*

Is this installation a duplicate of a previous case..... *Yes* If so, state name of vessel.....

*"TABAS"*

Plans. Are approved plans forwarded herewith..... *No* If not, state date of approval.....

*22/10/47.*

Certificates. Are certificates of test for motors engaged on essential sea services and generators forwarded herewith.....

*Yes.*

General Remarks. (State quality of workmanship, whether insulation tests, etc., have been made, opinions as to class, etc.).....

*The electrical equipment of this vessel has been installed under Special Survey, tried under full working conditions and found satisfactory. Materials and workmanship are good.*

*Notes sent 5/4/49*

Total Capacity of Generators..... *5* Kilowatts.

The amount of Fee ... £ *3 : 0* :

When applied for,

*12 APR 1949*

When received,

*19*

Travelling Expenses (if any) £ :

Surveyor to Lloyd's Register of Shipping.

*J. Daffner*

Committee's Minute.....

*GLASGOW 26 APR 1949*

Assigned.....

*See F. B. McHugh Report*